



Transportation Briefing

Mid-County Citizens Advisory Board

Al Roshdieh, Director

October 15, 2019

MCDOT

Montgomery County Department of Transportation



MCDOT Priorities

- Create a Balanced Transportation System
 - Road Network
 - Transit
 - Bicycle & Pedestrian Mobility
- Promote Economic Development & Smart Growth
- Involve & Support Our Community

Priority:

Create a Balanced Transportation System

County road network

- MD 355 Crossing
- White Flint Western Workaround
- Seminary Road
- Snouffer School Road
- Infrastructure maintenance
- Parking improvements



Priority:

Create a Balanced Transportation System

State road network project status

- I-270 Integrated Corridor Management – under construction
- I-270 / I-495 Managed Lanes Project – alternatives retained for detailed study (including MD 200 diversion alternative)
- I-270 / Watkins Mill Interchange – under construction
- BRAC Intersection Improvements / MD185 at Jones Bridge Road – utility relocation in process
- MD 97 at Randolph Road Interchange – complete
- MD 97 / Montgomery Hills – study phase nearly completed
- MD 97 / Brookeville Bypass – under construction
- US 29 – Mobility & Reliability Study – results expected fall 2019

Priority:

Create a Balanced Transportation System

Transit: Ride On

- Wi-Fi on all buses
- Kids Ride Free all the time
- New Ride On Flex on-demand transit pilot
- Limited-stop Ride On Extra service on MD 355
- Westfield Montgomery and Takoma-Langley Transit Centers
- 65 new Ride On buses since July 2017
- Real time transit screens

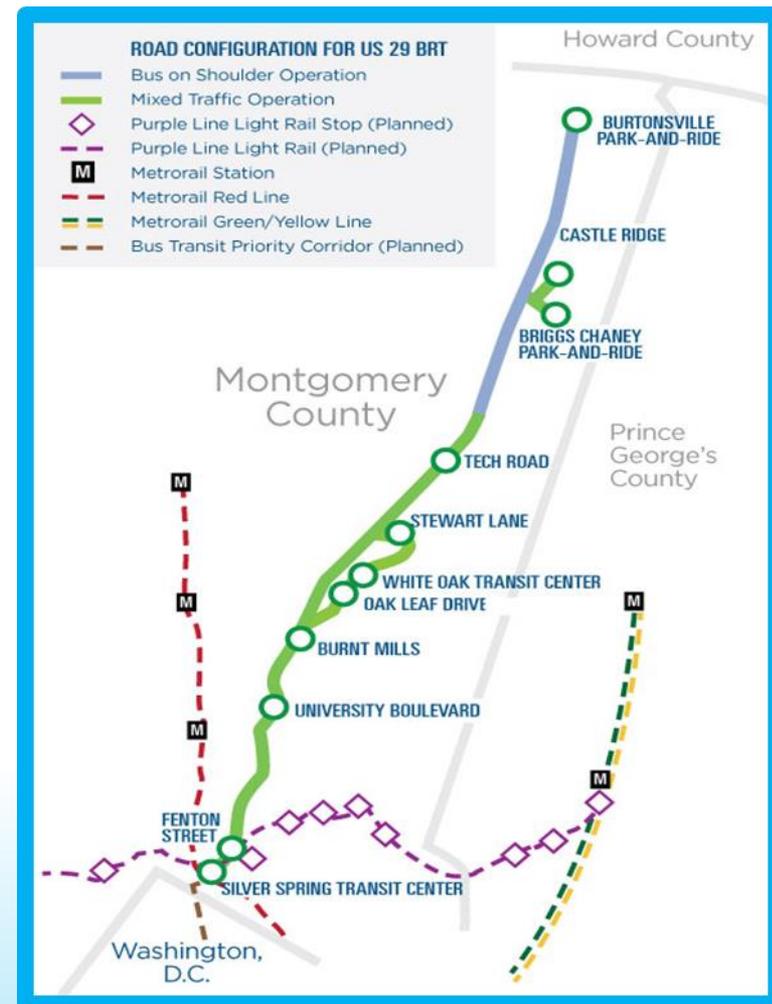


Priority:

Create a Balanced Transportation System

Transit

- Purple Line
- US 29 FLASH BRT
- MD 355 FLASH BRT
- Veirs Mill Road FLASH BRT
- New Hampshire Avenue FLASH BRT
- Corridor Cities Transitway
- North Bethesda Transitway

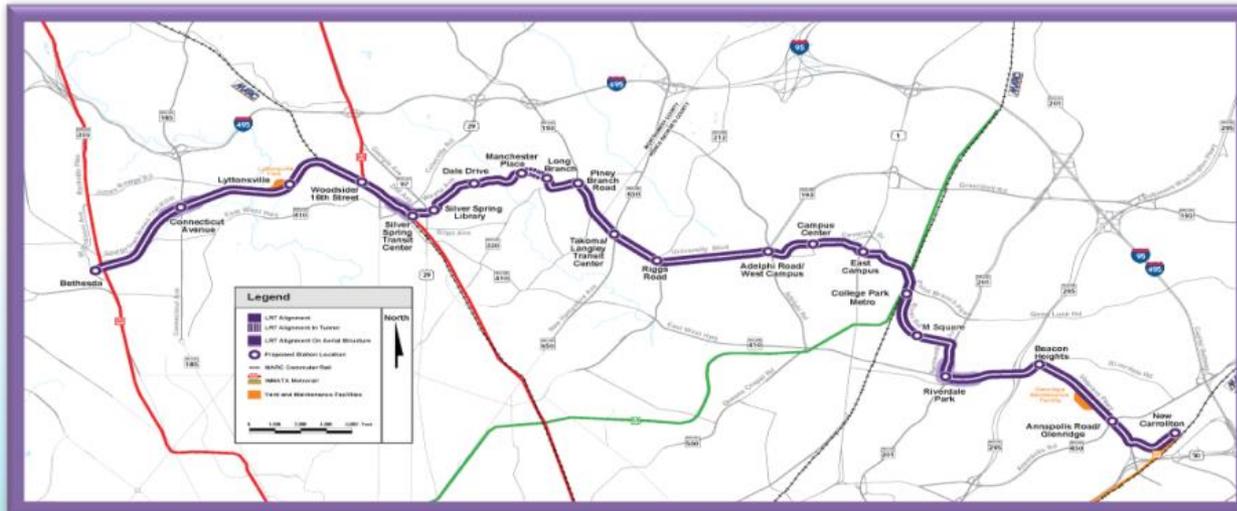


Priority:

Create a Balanced Transportation System

Transit: Purple Line

- 16.2 miles - under construction across the alignment from Bethesda to New Carrollton. Projected to last through 2022.
- Includes the Capital Crescent Trail, Bethesda South Metro Entrance, and the Silver Spring Green Trail
- Purple Line Transit Partners – concessionaire is one of the largest public private partnerships in the country

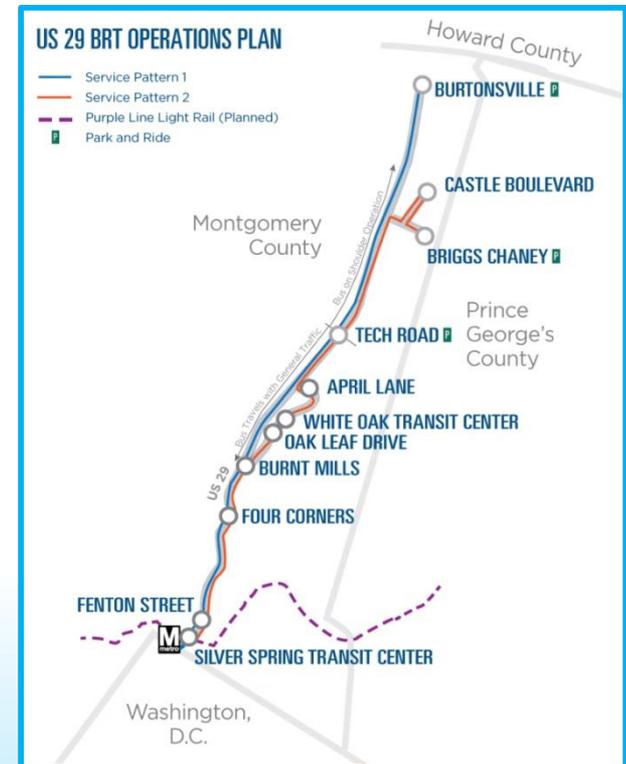


Priority:

Create a Balanced Transportation System

Transit: US 29 FLASH BRT

- 14 mile corridor
- 11 BRT stations
- 40% of alignment on US 29 in dedicated Bus on Shoulder
- Construction funding:
 - \$10 million Federal TIGER grant;
 - \$21 million County funds
- 12 platforms now under construction
- Start of service: May 2020

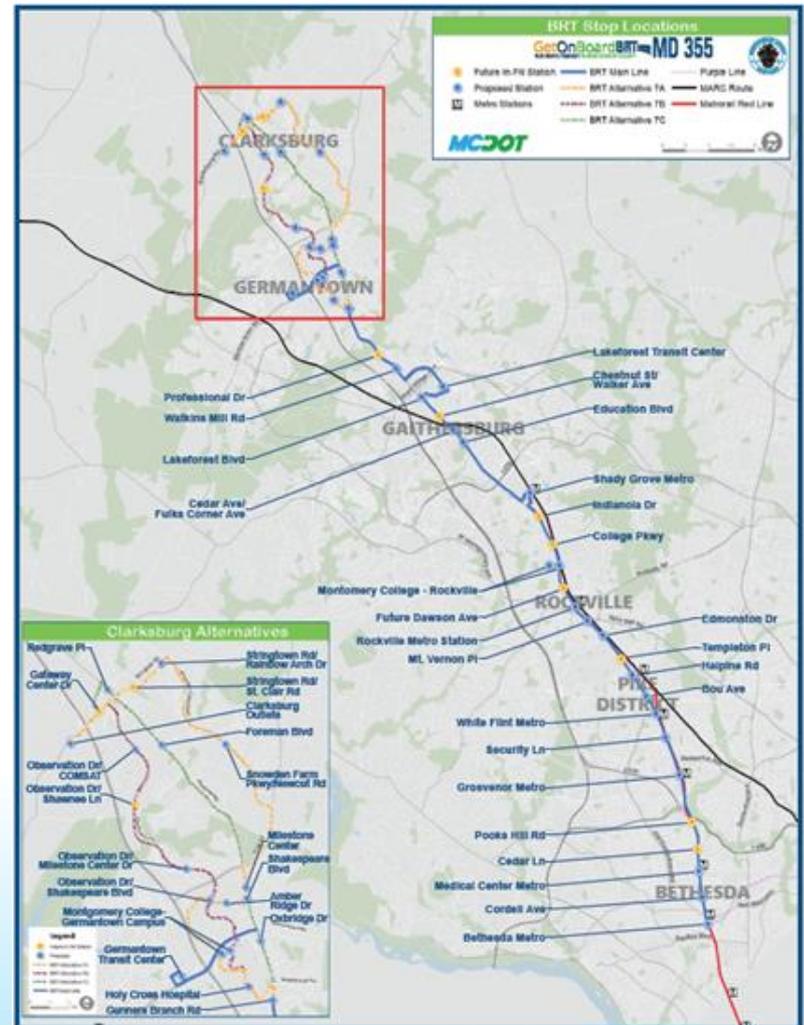


Priority:

Create a Balanced Transportation System

MD 355 FLASH BRT

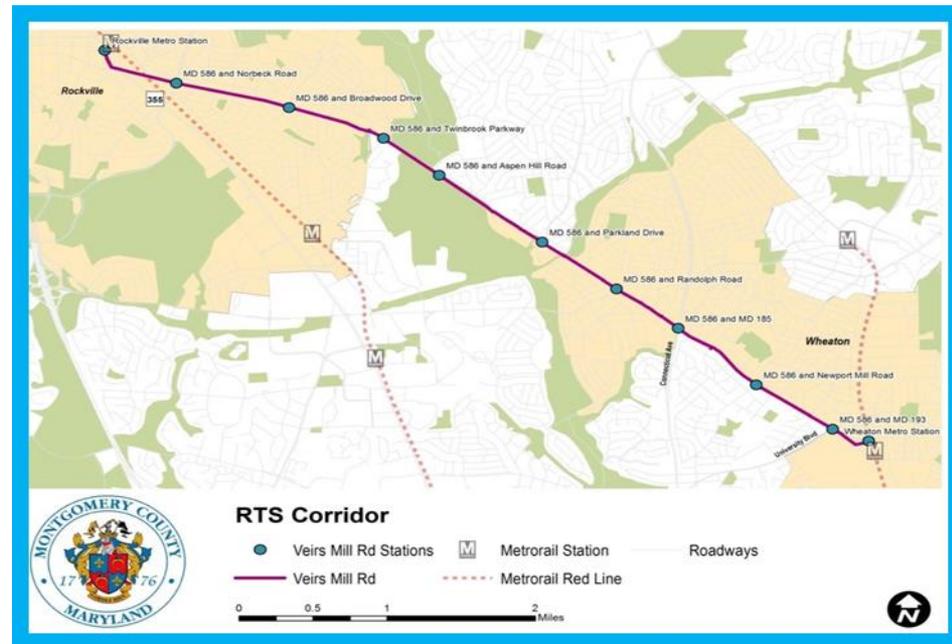
- 22-mile corridor
- 28 BRT stations
- County completed a review of the conceptual alternatives – summer 2019
- Results shared with County Council
- MCDOT received funding (\$3M) to advance the project into preliminary engineering in FY20



Priority: Create a Balanced Transportation System

Transit: MD 586 BRT

- 6 mile corridor
- 11 BRT stations
- Extension up to Montgomery College along MD 355
- Recommended alternative selected in 2017
- Funding approved in CIP to complete preliminary engineering in FY20 and FY21

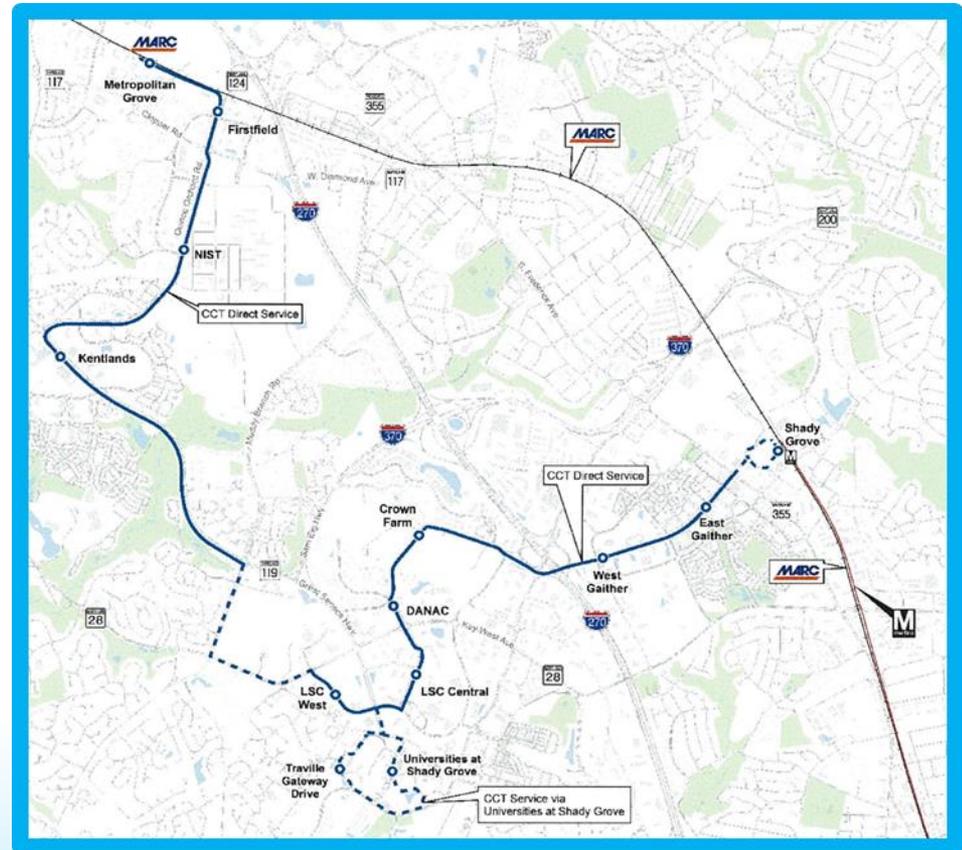


Priority:

Create a Balanced Transportation System

Transit: Corridor Cities Transitway

- Phase One is 9 miles
- 13 FLASH BRT stations
- 30% design complete
- Future phases dependent on funding availability



Priority:

Create a Balanced Transportation System

Metrorail and Metrobus

- Eliminated all Metrorail turnbacks at Grosvenor (2018) and Silver Spring (2019)
- Working with MCDOT on new station entrances: Medical Center & Bethesda
- Funding from MD, DC and VA to support state of good repair
- Continued early rail system closures for nighttime maintenance/repair
- Studying joint development opportunities at Rockville, White Flint, Grosvenor and Forest Glen stations



Priority:

Create a Balanced Transportation System

Bicycle & Pedestrian Safety & Mobility

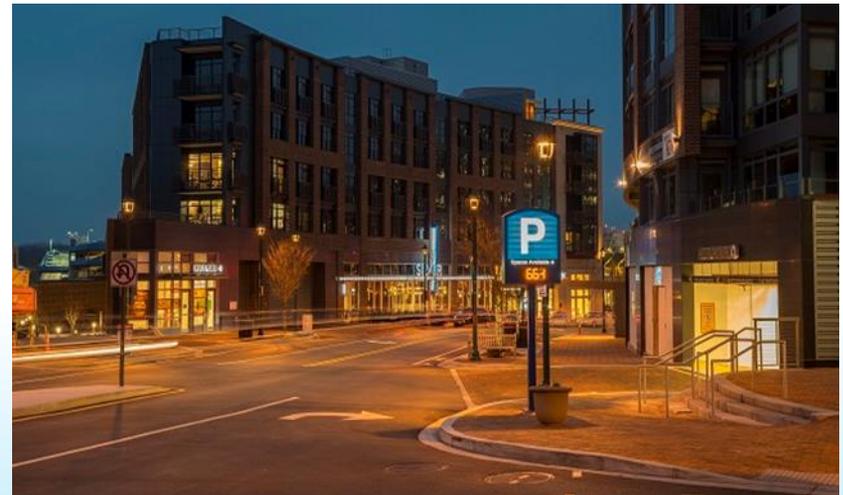
- Vision Zero
- Bikeshare
- E-bikes and e-scooters
- Bicycle and Pedestrian Priority Areas (BiPPAs)
- Cycle tracks, Metropolitan Branch Trail, Capital Crescent Trail
- Bike paths created during resurfacing



VISION
ZERO

Priority: Promote Economic Development & Smart Growth

- Wheaton redevelopment
- Marriott
- United Therapeutics Headquarters
- PLD Public/Private Partnerships Lot 3, Lot 5/55, & Lot 31
- TDM update
- White Oak Science Gateway Master Plan

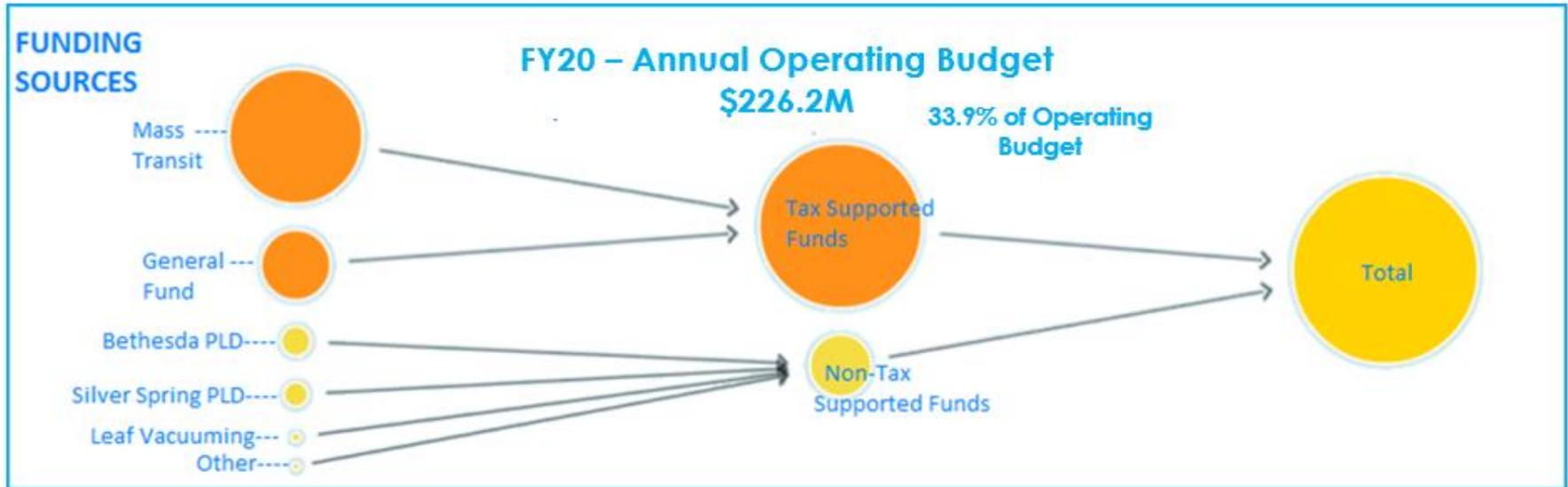


Priority: Involve & Support the Community

- GreenFest
- Sustainability Policy
- Green initiatives – stormwater retrofits
- Programs for seniors, disabled residents, youth
- Call n Ride
- Mobile Commuter TRiPs Store
- Special events
 - Bike to Work Day
 - PARK(ing) Day



Operating Budget

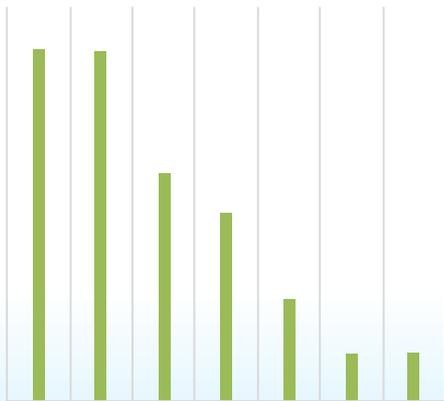
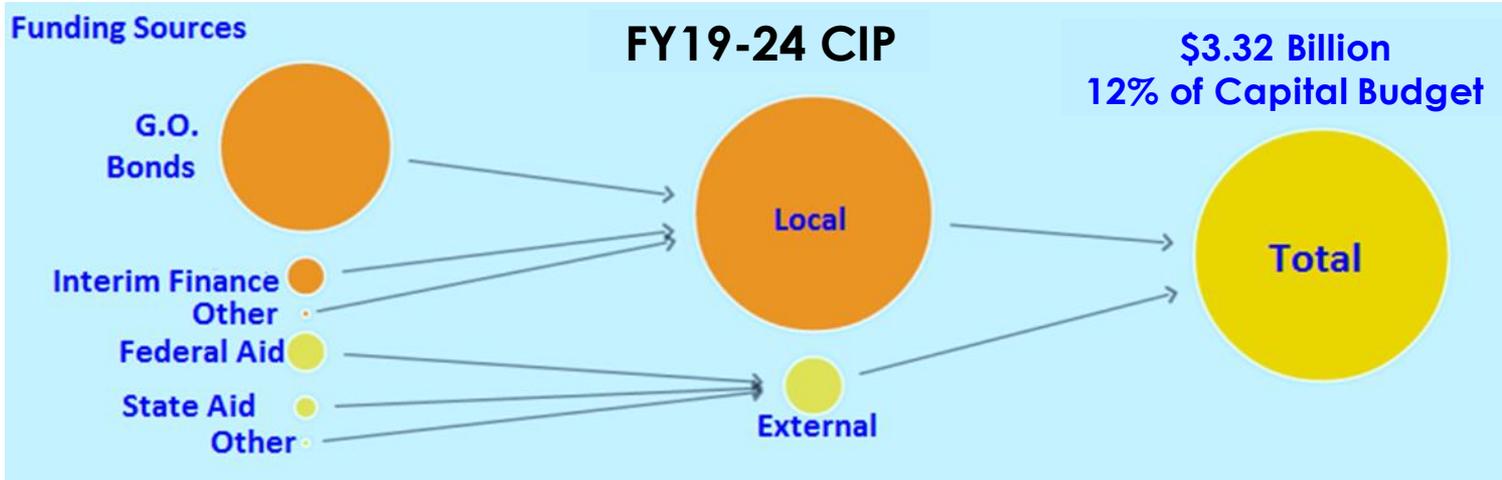


Program	Amount
Ride On	\$117,802,522
Roadway Maintenance	\$16,677,184
Parking Operations	\$10,697,484
Financial Management	\$9,478,719
Special Transportation	\$8,141,370
Administration	\$3,899,358
Parking Maintenance	\$7,208,576
Vacuum Leaf Collection	\$6,526,453
Tree Maintenance	\$4,523,201
Transit Planning	\$5,133,479
Weather Operations	\$3,463,703

MCDOT: ~1,350 Employees

- Directors Office
- Highway Services
- Traffic Engineering & Operations
- Transportation Engineering
- Parking Management
- Transit Services

Capital Budget



Program	Amount
Roads	\$891,536
Mass Transit	\$882,988
Highway Maintenance	\$574,056
Ped/Bike Facilities	\$476,238
Traffic Improvements	\$258,804
Parking Maintenance	\$115,997
Bridges	\$123,245



Mid-County Updates

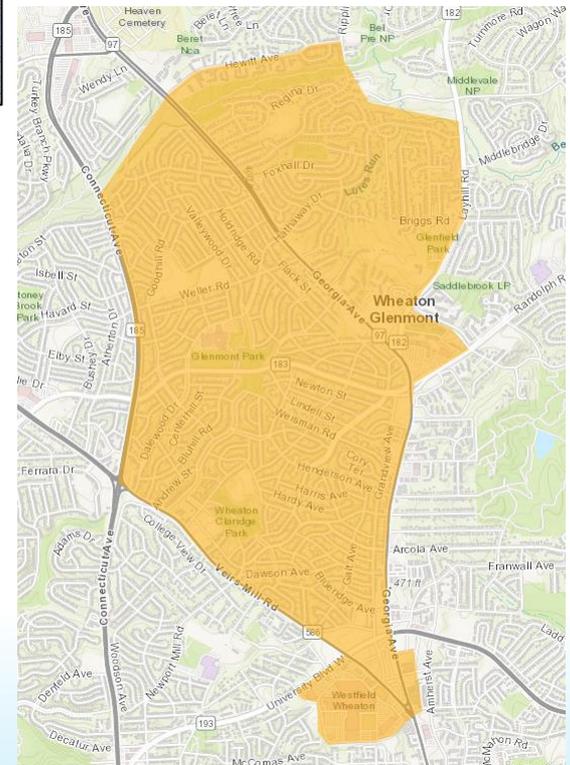
- Transit Update
- Traffic Engineering Projects
- Pedestrian & Bicycle Improvements
- Road & Trail Infrastructure Projects
- Resurfacing Projects
- Concrete / Sidewalk Projects
- Garage & Parking Updates

Ride On Flex in Glenmont/Wheaton



- Ride On Flex app enables on-demand transit service
- M-F peak service in Glenmont/Wheaton zone (6-9 am & 3:30-7:00 pm)
- Kids ride free
- Senior SmarTrip

RideOnFlex.com



Ride On Schedule Changes

Service Reductions

Route 26

Route 38

Route 59

Altered Trip Times

Route 10

Route 39

Route 41

Route 47

Route 63

Route 75

Route 83

Route 98



Adjusted for Route Travel Time

Route 22

Route 28 (VanGo)

Route 73

Route 76

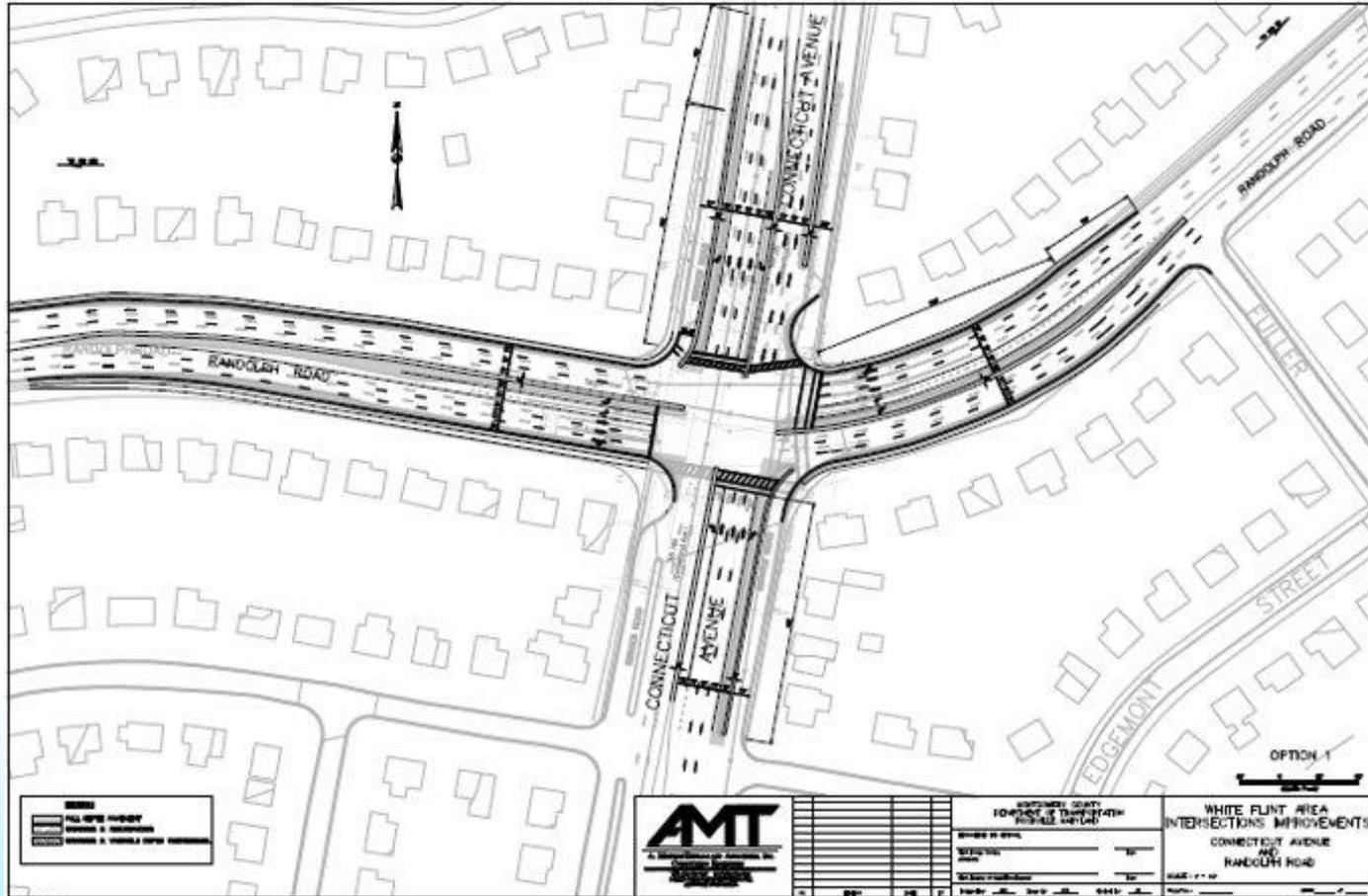
Route 81

Route 96

Route 97

Mid-County Traffic Projects

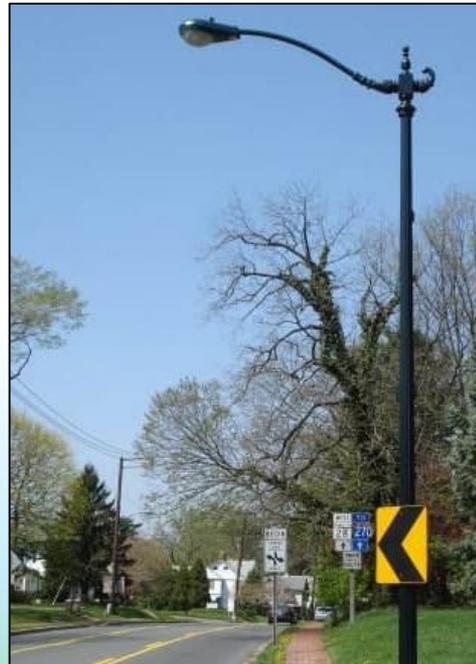
Randolph Rd at Connecticut Ave – add exclusive NB & SB RTL along Connecticut, concept stage



Mid-County Traffic Projects

Street Lighting

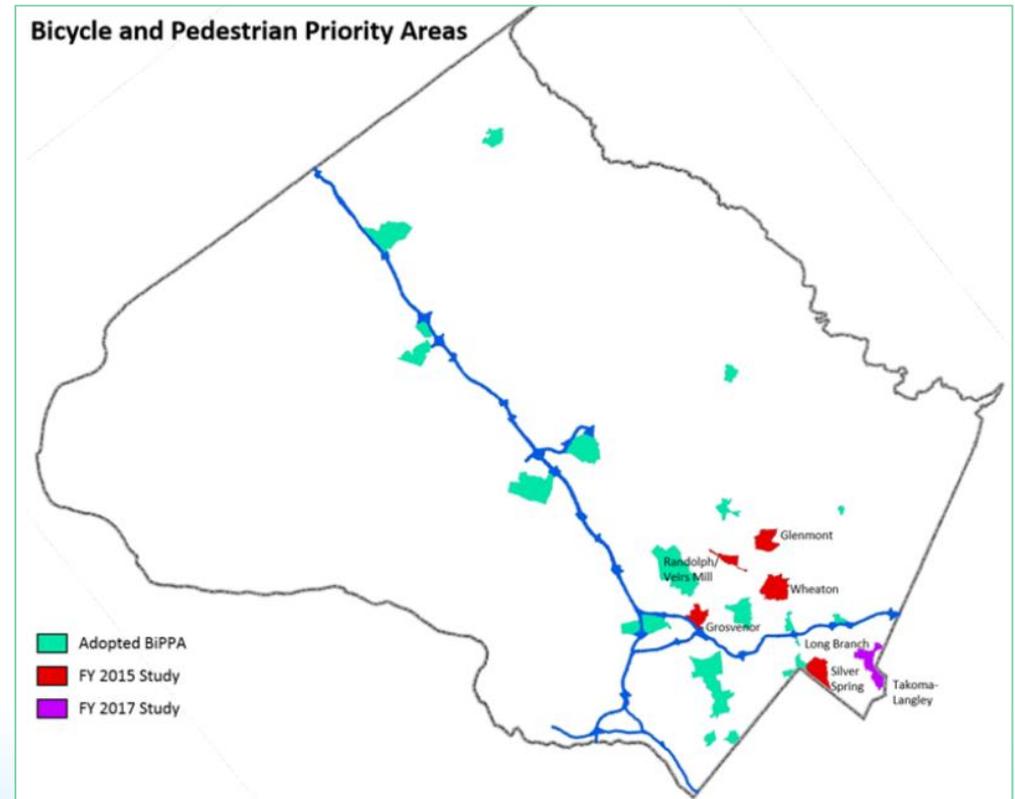
- Converting all existing County owned lights from HPS to LED scheduled for completion in 2020
- Installing 50 additional lights within the CBD and surrounding vicinity, a multi-year, development-related effort expected to be completed by 2022.



Mid-County Pedestrian & Bike Improvement Projects

Bicycle and Pedestrian Priority Areas (BiPPAs)

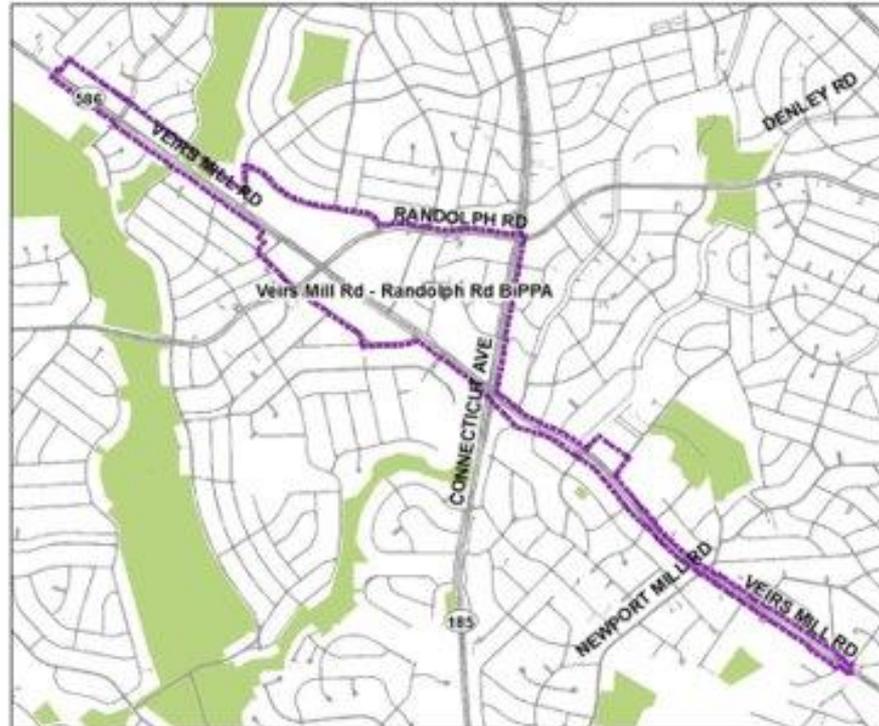
- 5 separate Capital Programs in FY20
 - General
 - Purple Line
 - Fenton Street Bikeway
 - Veirs Mill / Randolph
 - Wheaton
- All bikeway projects include pedestrian & ADA safety improvements as appropriate
 - Signing
 - Marking
 - Signals



Veirs Mill / Randolph BiPPA

Veirs Mill Road / Randolph Road BiPPA

- Priority Projects to be pulled from Completed BiPPA Studies and MD 586 Vision Zero Plan Projects including sidewalk gap design and construction and pedestrian crossing improvements



Wheaton BiPPA

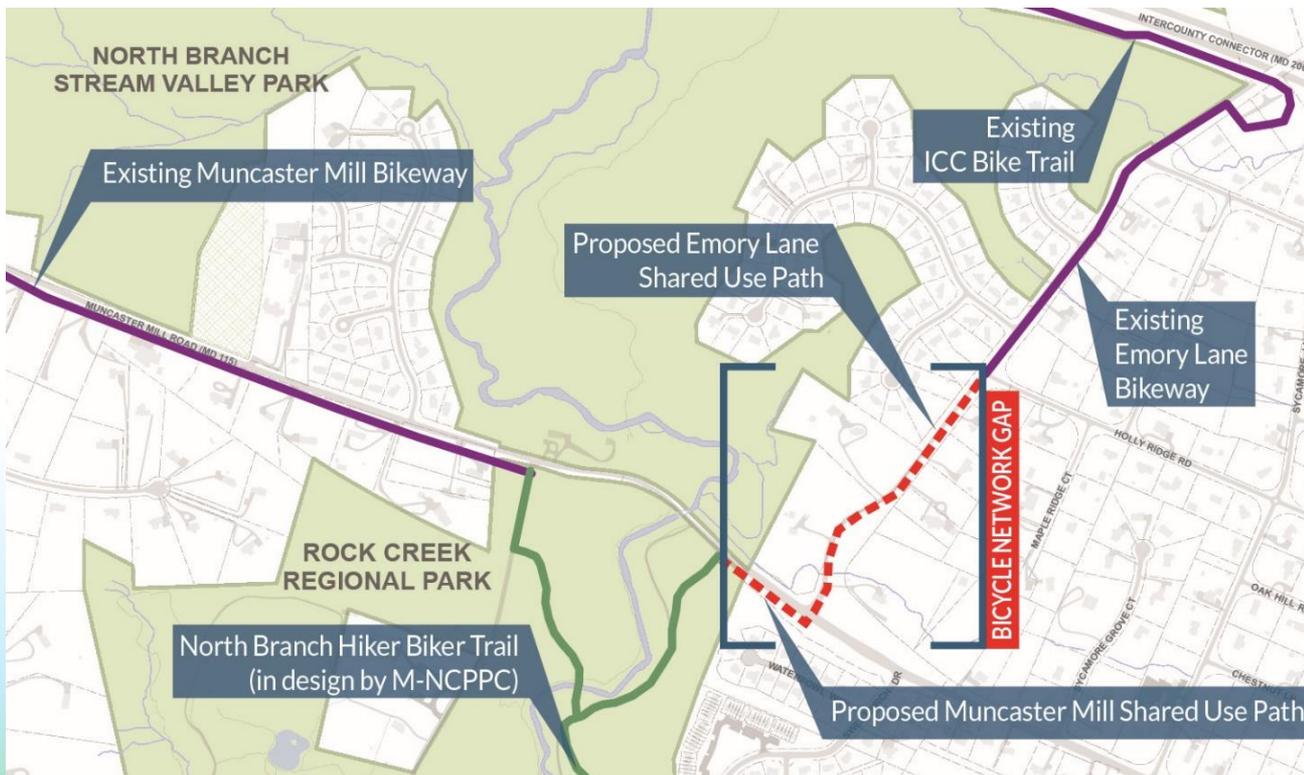
Wheaton BiPPA

- Priority projects selected from completed BiPPA study and Vision Zero coordination with MDOT SHA. Projects include the Amherst Avenue Bikeway, intersection safety improvements at Georgia Avenue & Price Avenue, and intersection safety improvements at Georgia Avenue & Veirs Mill Road.



Emory Lane / Muncaster Mill Road Path

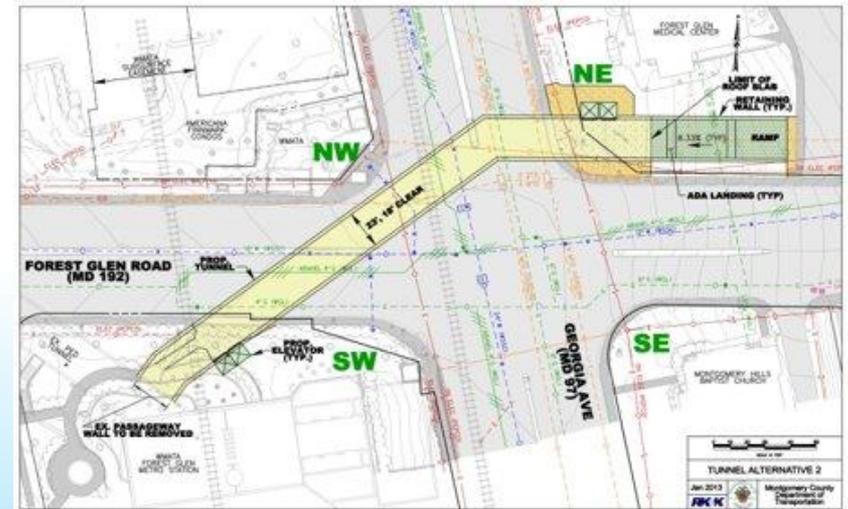
- Key Missing Link between Needwood / Rock Creek Trails, ICC Path & Shady Grove Metro
- Includes path along Emory Lane and Muncaster Mill Road (MD 115) and new full Signal across MD 115
- Connects to MNCPPC Montgomery Parks North Branch Trail (funded connection from Muncaster Mill Rd to Rock Creek Trail)
- Contributions from MDOT State Bikeways Program and MNCPPC Montgomery Parks
- Design underway; Construction Start anticipated 2020-2021
- \$2.6M through FY22 (Bikeways Minor Improvement Program)



Mid County Engineering Projects

Forest Glen Passageway

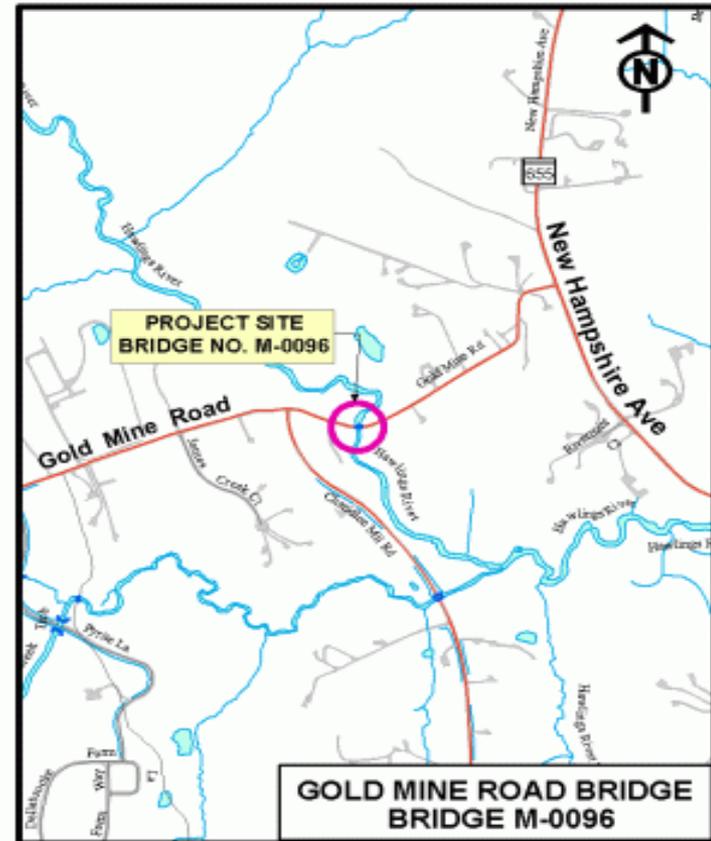
- A grade separated connection under Georgia Avenue to improve access to the Forest Glen Metro station from neighborhoods and institutions on the east side of Georgia Avenue.
- A new connection to the existing underground walkway from the northeast quadrant to the southwest quadrant of the intersection.
- A ramp connection and elevators will be located at the northeast corner of the intersection.
- Preliminary design programmed to start in FY21.



Mid County Engineering Projects

Gold Mine Road Bridge

- Replacement of existing bridge over Haulings River.
- The new bridge will carry 2 lanes of traffic, improve sight distance, raise the bridge elevation to reduce flooding, removes vehicle weight restrictions and provide pedestrian facilities.
- Bridge opened to traffic in August 2019 prior to the new school year.



Mid-County Resurfacing Projects

Kemp Mill Road

- Resurfacing (completed)

Garrett Forest

- HMA Resurfacing (upcoming)

Layhill South

- Permanent Patching (upcoming)

Glenmont Heights Phase I

- HMA Resurfacing (upcoming-Sept)

Glenmont Heights Phase II

- HMA Resurfacing (upcoming-Oct)

Stoneybrook Estates

- Micro Resurfacing (completed)

Georgian Forest

- Permanent Patching (upcoming-Nov)

Hewitt Avenue

- Micro Resurfacing (upcoming-Sept)

Rippling Brook Drive

- Micro Resurfacing (completed)

Bel Pre Woods Phase I

- Residential Rehab (completed)

Bel Pre Woods Phase II

- Residential Rehab (ongoing)

Derwood Station Phase I

- Micro Resurfacing (completed)

Derwood Station Phase II

- Micro Resurfacing (upcoming)

Grist Mill

- HMA Resurfacing (completed)

Mill Creek

- HMA Resurfacing (ongoing)

Cashell Road

- Resurfacing (completed)

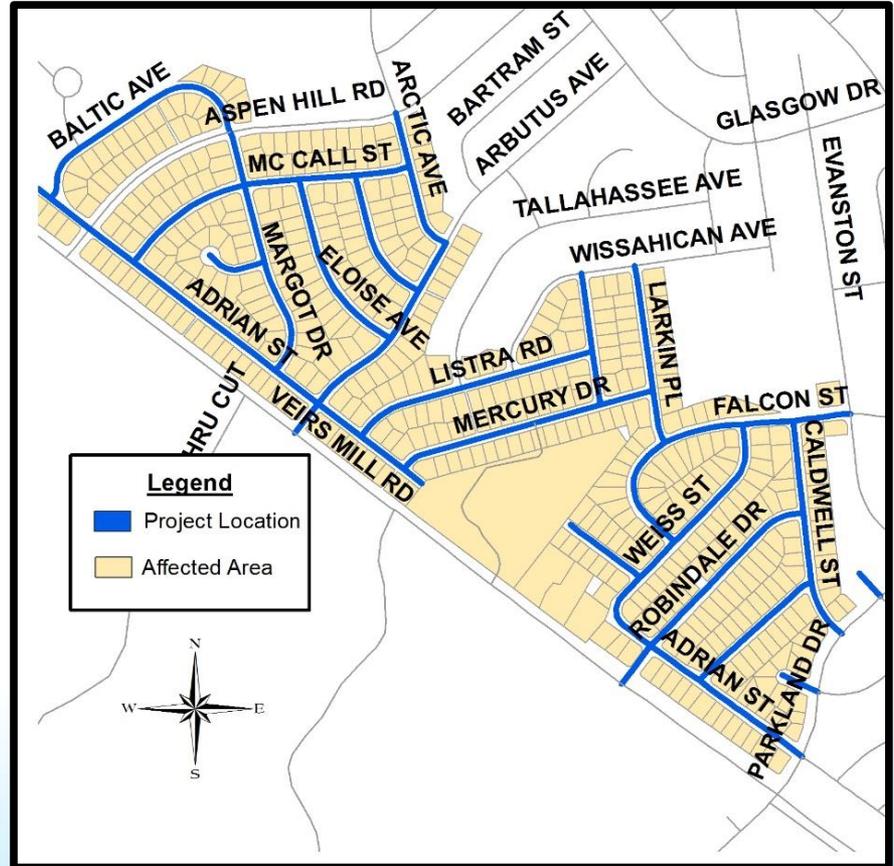
Sunnymeade

- Resurfacing (completed)

MidCounty Sidewalk Projects

Wheaton Woods Phase III

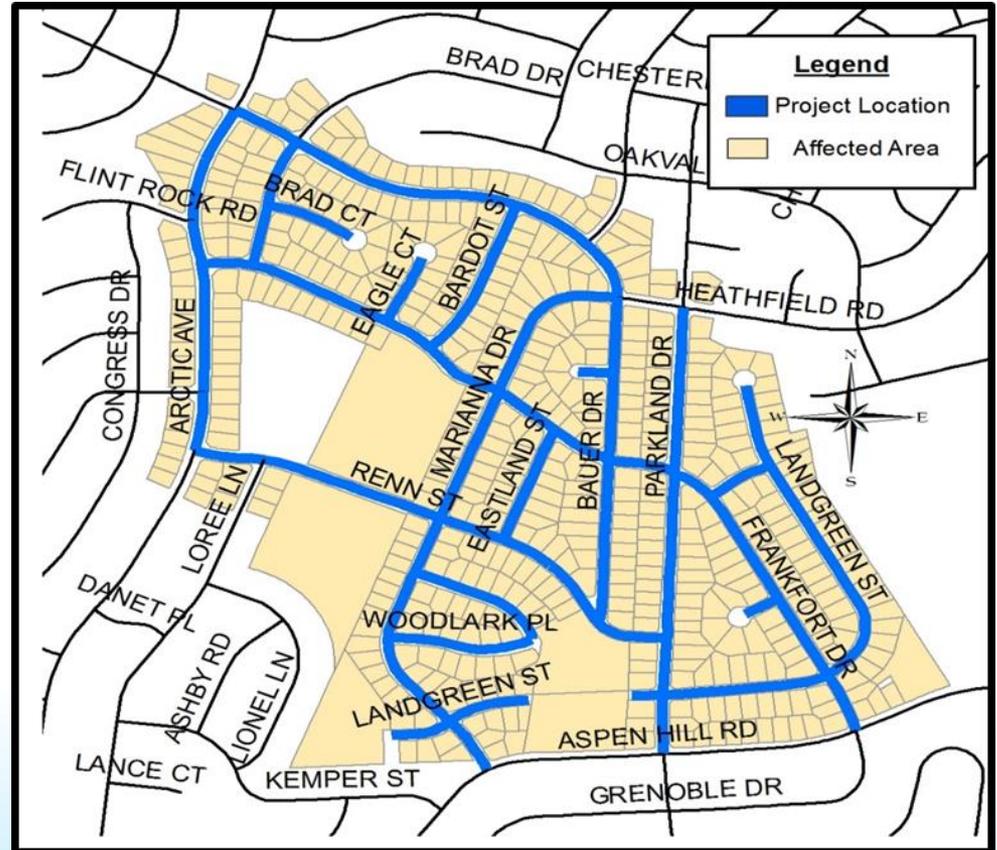
- Curb & sidewalk
- Upcoming – Spring 2020



MidCounty Sidewalk Projects

Bel Pre Woods Phase III

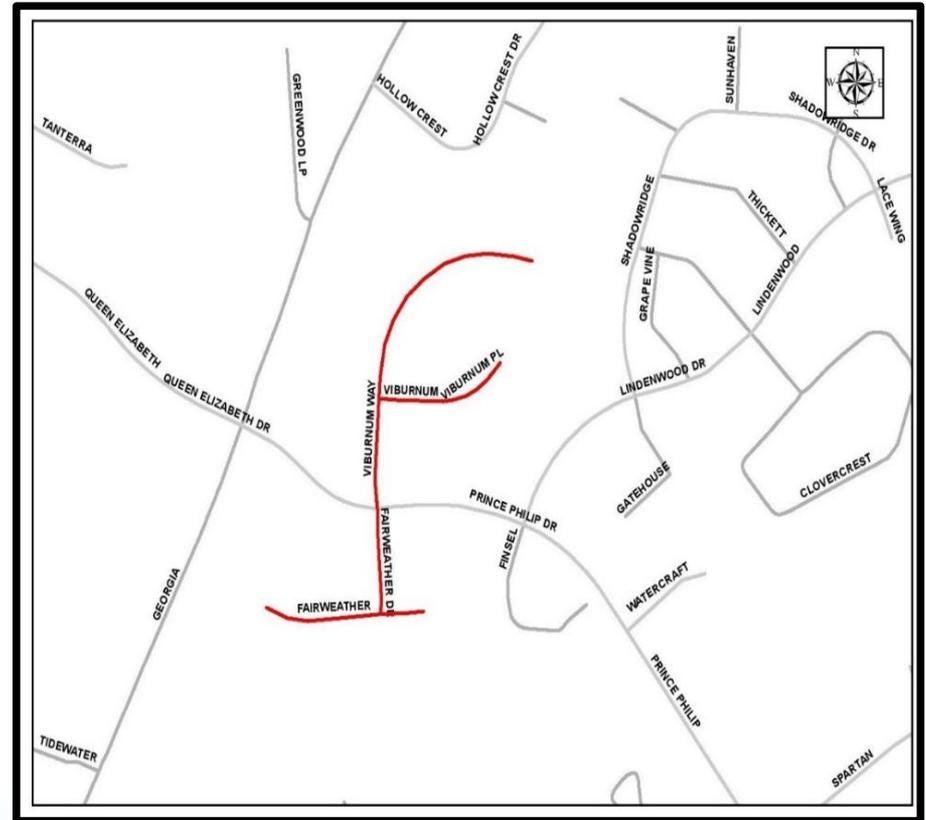
- Curb & sidewalk
- 27,853 LF (sidewalk)
- 22,173 (curb & gutter)
- Completed – August 2019



MidCounty Sidewalk Projects

Viburnum

- Curb & sidewalk
- 4,149 LF (sidewalk)
- 1,133 LF (curb & gutter)
- Completed – Sept. 2018



Parking Operations Updates

Parking Lot District Service Facility

- Substantial completion 8/18/2019
- Parking Maintenance staff to move in by the end of October



Parking Operations Updates

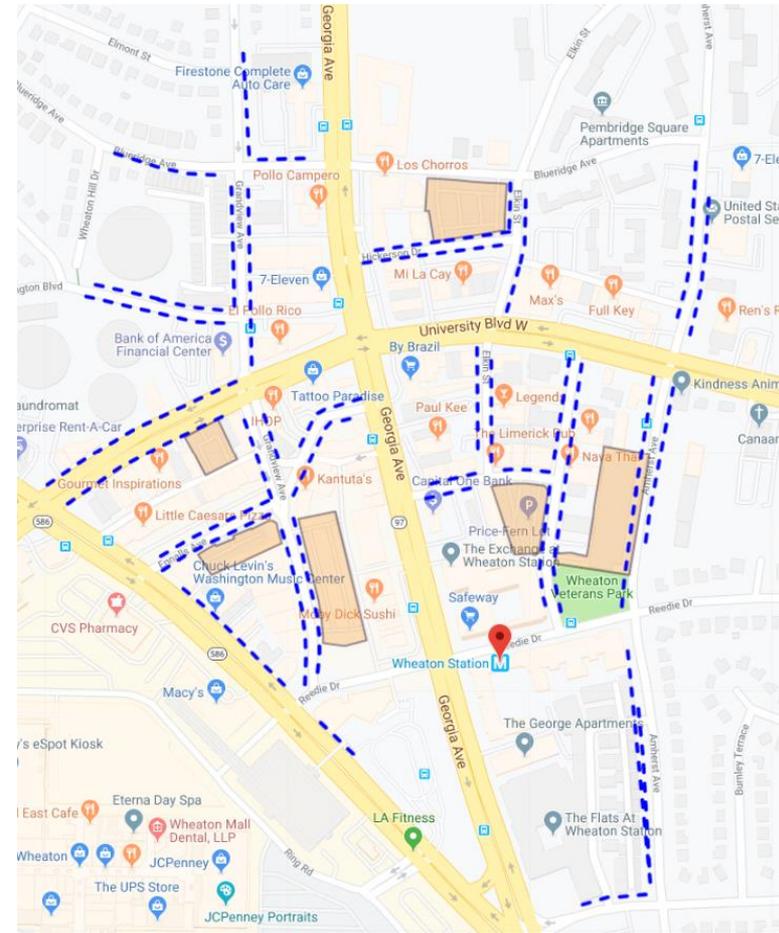
LED Light Replacement Project

- 37,000 existing fixtures replaced in PLD parking facilities
- 1.4 million kWh savings annually

Replacement of single space meters in small surface lots

- Provides more payment options for parking customers, including coins and credit cards and Pay by Cell

Expansion of ParkMobile Payment application in master meter garages.



Residential Permit Parking

- New program vendor
- 24/7/365 call center support
- Ongoing integration & transfer of data from previous vendor
- Ongoing web site improvements

Successes Since Transition		
200 New Accounts Registered	393 New Permits Created and Purchased	29 of 72 RPPAs Successfully Processed Renewals
235 Different Permits Have Reassigned 573 Vehicles	Average Duration of CSR Calls Are 4mins 42sec	178 Chat Sessions Have Been Initiated With an Average Duration of 6:04

Wheaton Office Building

- Class A Office Space
- LEED Platinum
- 14 Floors / 308,000 SF
- Solar & Geothermal systems
- Green roofs & living wall
- 397 public parking spaces
- 12,000 SF of retail along Triangle Lane, with occupation expected summer 2020



Wheaton Office Building - Tenants

- Maryland National Capital Park & Planning Commission
- Wheaton Regional Services Center / Urban District
- Dept of Permitting Services
- Dept of Environmental Protection
- Dept of Recreation
- Community Use of Public Facilities
- Dept of Health & Human Services



Town Square

- Includes event stage, amphitheater seating, artwork, Wi-Fi, security cameras, emergency call stations and lighting
- Dedicated to Marian Fryer
- Managed by Wheaton RSC/Urban District
- Substantial completion – May 31, 2020



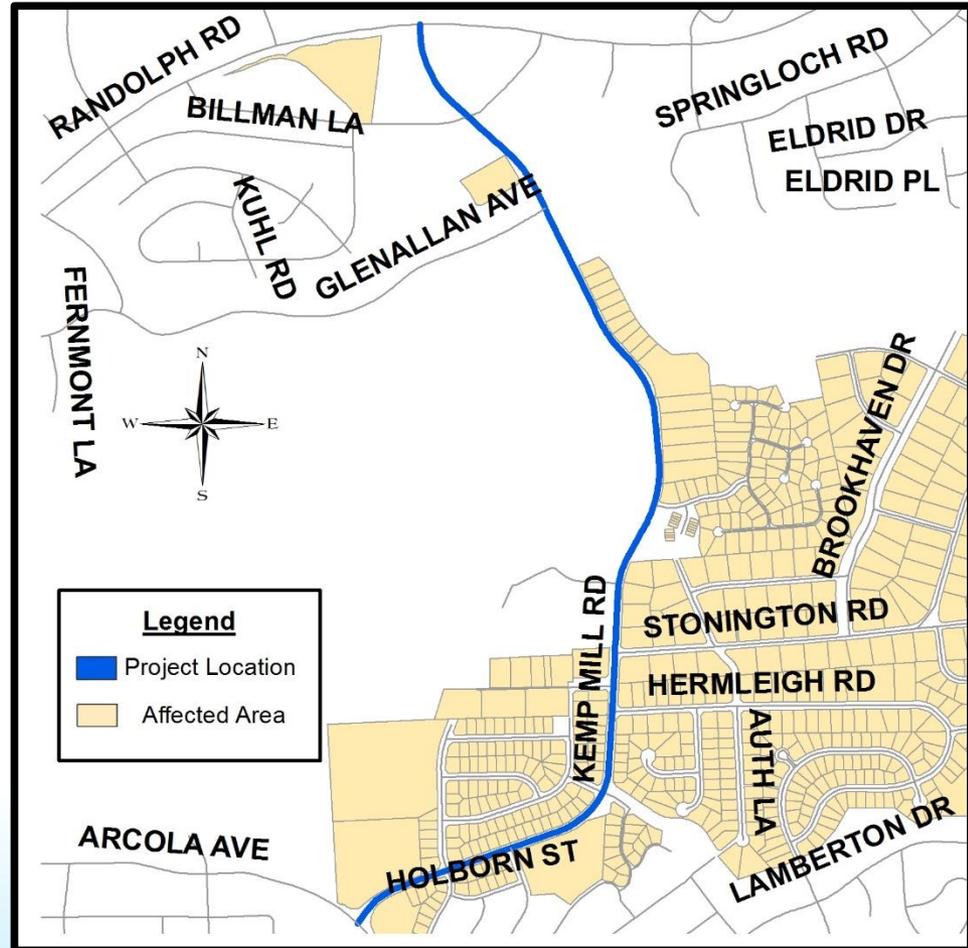


Questions?

MidCounty Resurfacing Projects

Kemp Mill Road

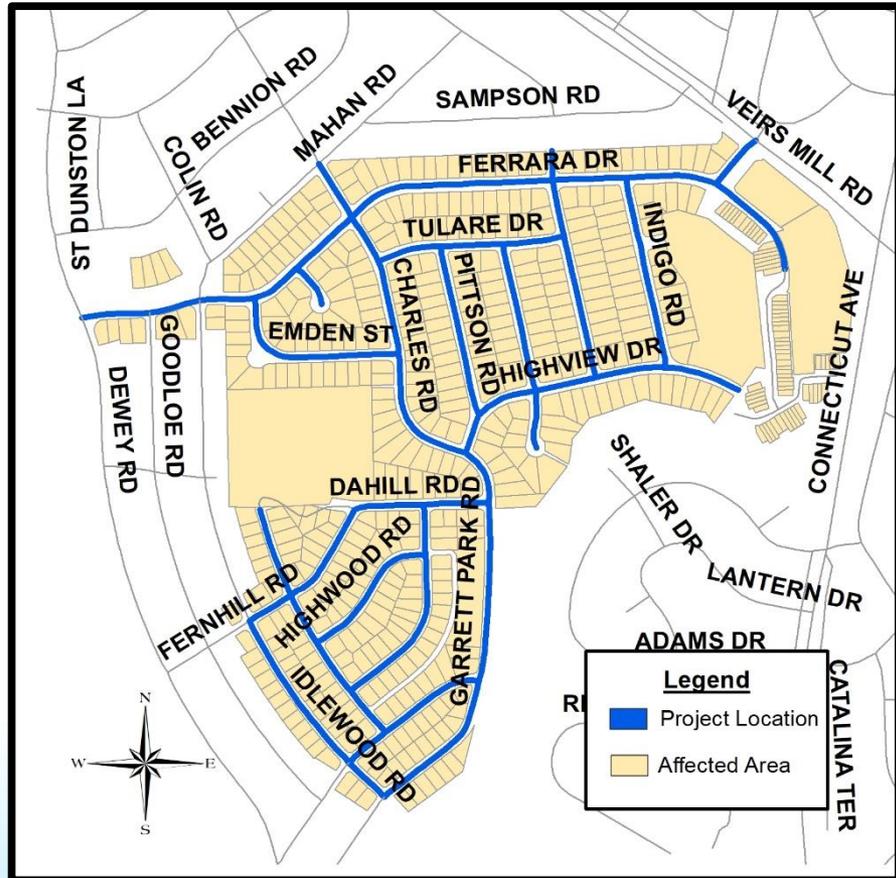
- Primary Resurfacing
- 5.9 lane miles
- Completed – Oct. 2018



MidCounty Resurfacing Projects

Garrett Forest

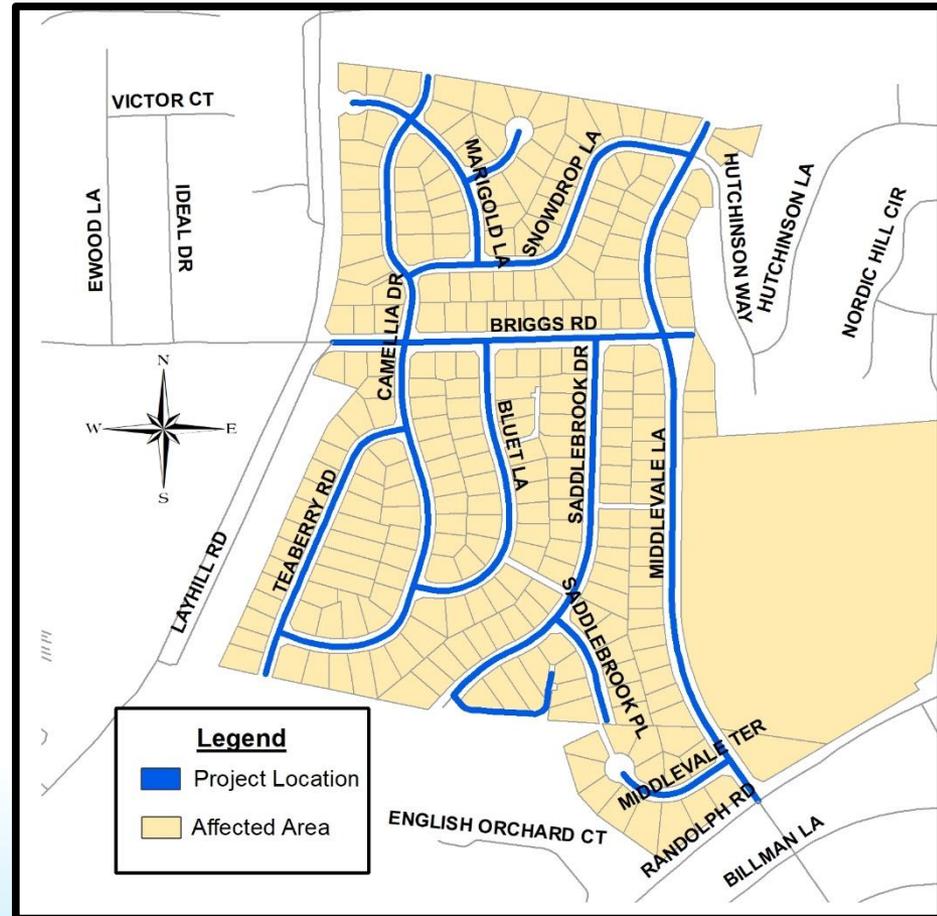
- Hot mix asphalt resurfacing
- 9.5 lane miles
- Ongoing



MidCounty Resurfacing Projects

Layhill South

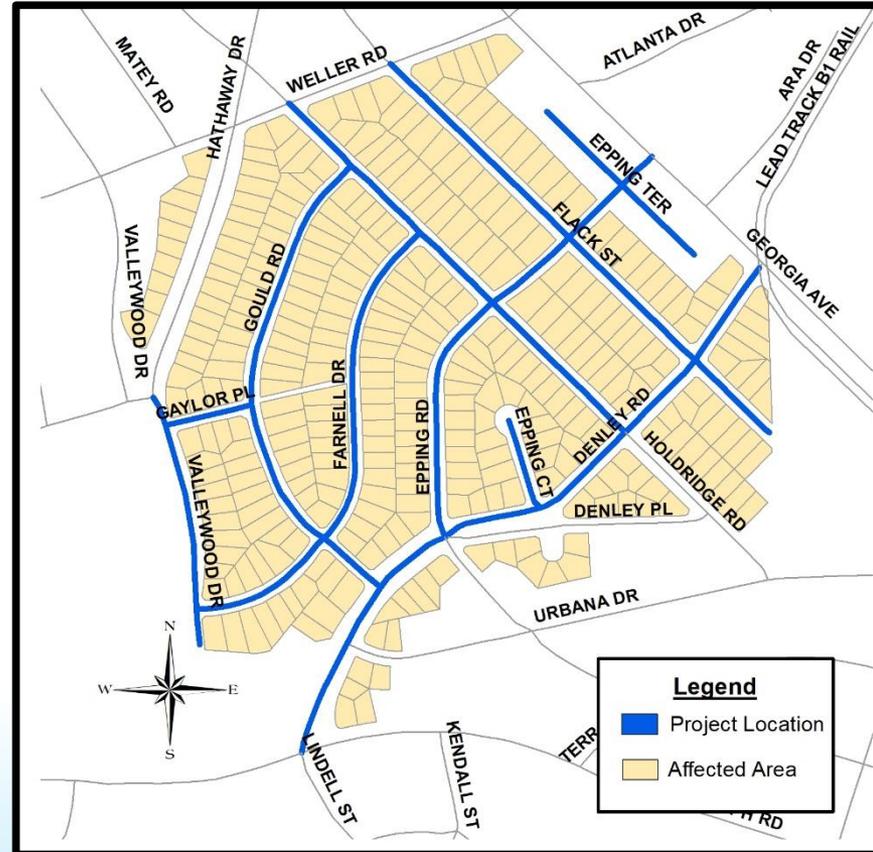
- Permanent Patching
- 6.8 lane miles
- Upcoming



MidCounty Resurfacing Projects

Glenmont Heights Phase I

- Hot mix asphalt resurfacing
- 4.5 lane miles
- Upcoming - September

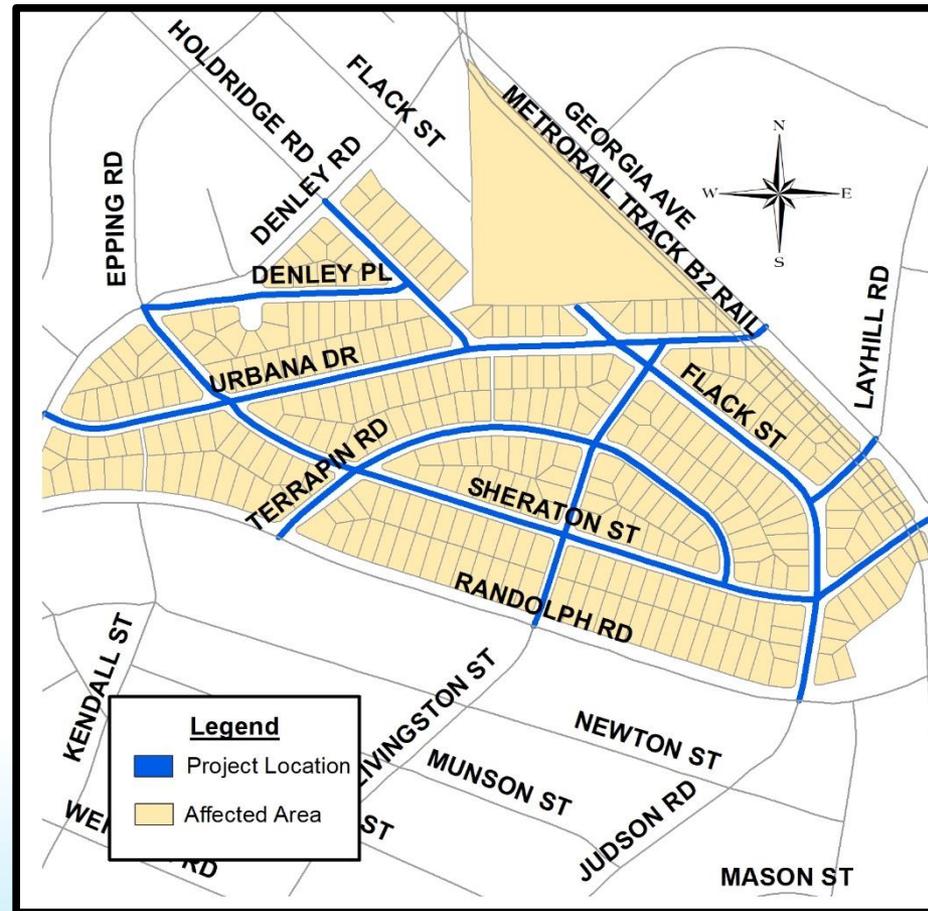


MidCounty Resurfacing Projects

Glenmont Heights Phase

II

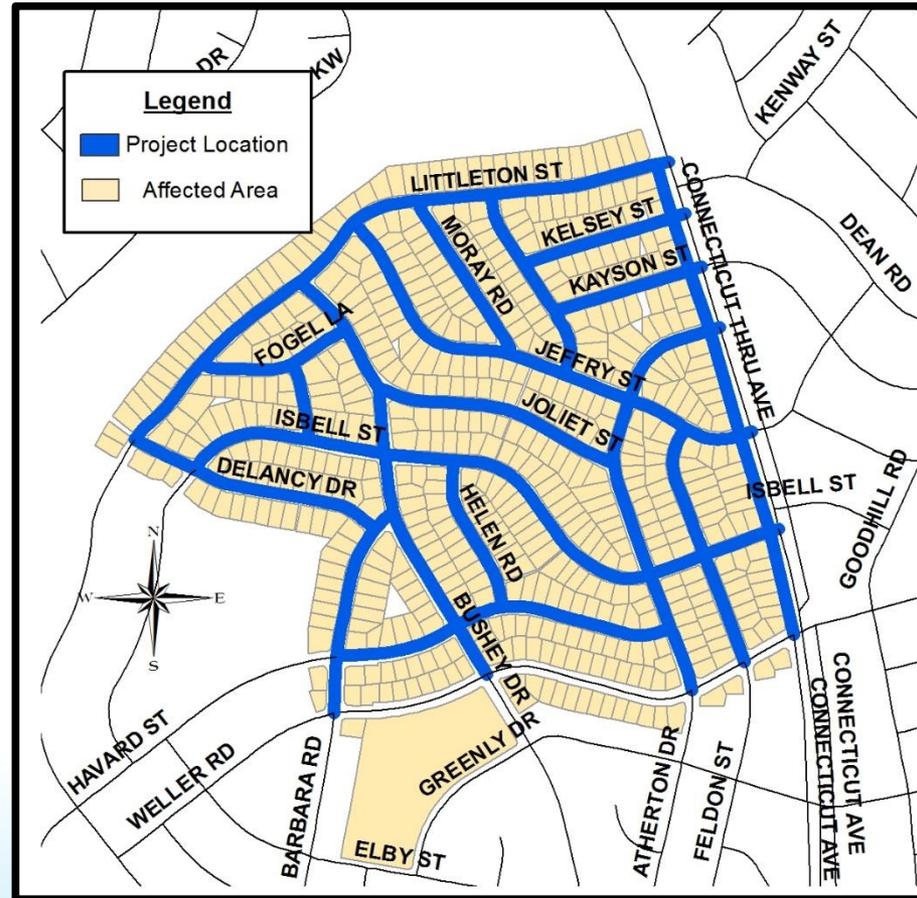
- Hot mix asphalt resurfacing
- 5.4 lane miles
- Upcoming - October



MidCounty Resurfacing Projects

Stoneybrook Estates

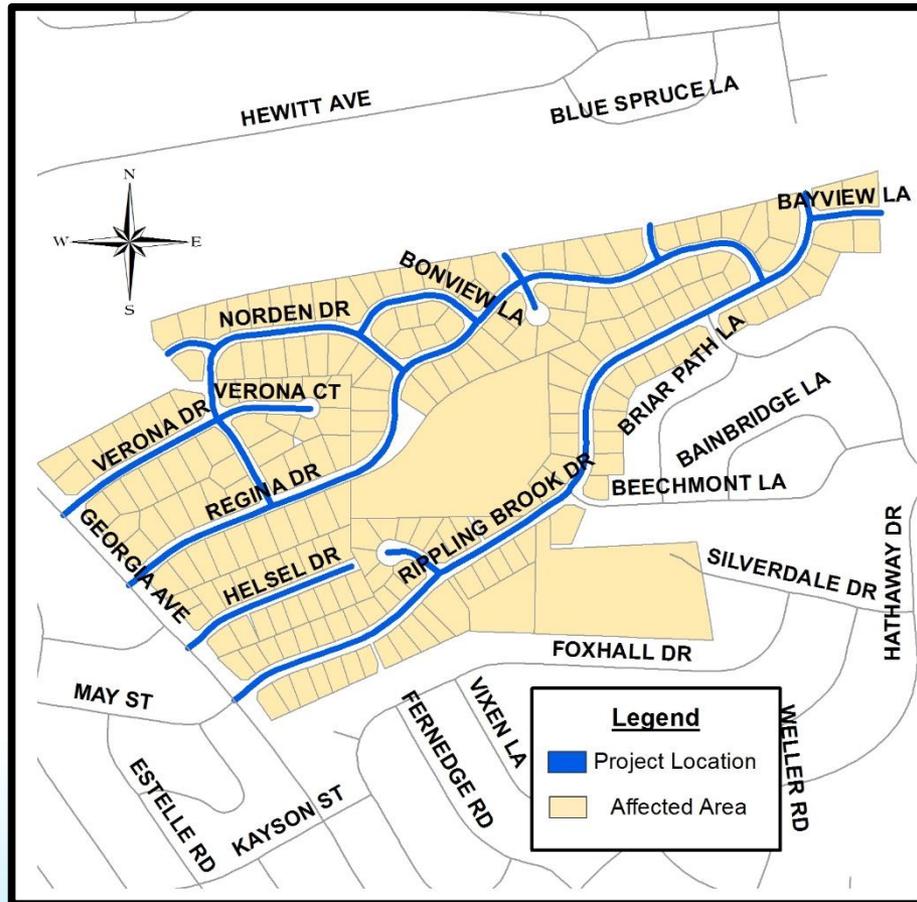
- Micro Resurfacing
- 10.2 lane miles
- Completed – July 2019



MidCounty Resurfacing Projects

Georgian Forest

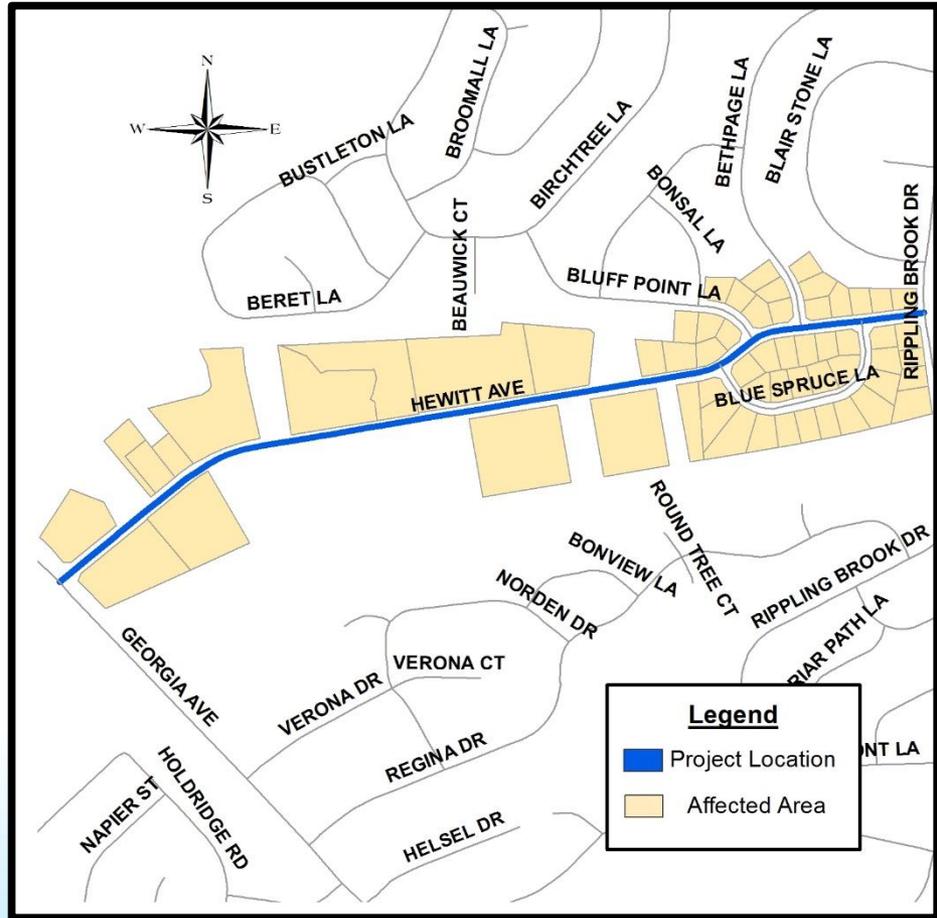
- Permanent Patching
- 10.2 lane miles
- Upcoming – November



MidCounty Resurfacing Projects

Hewitt Avenue

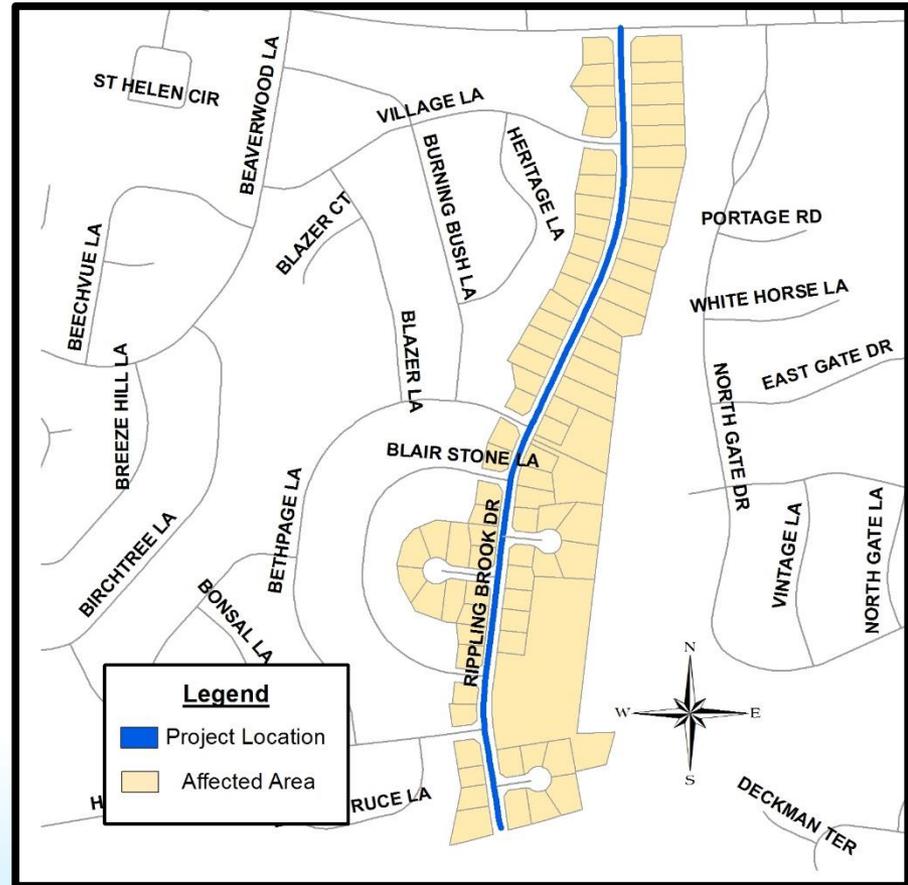
- Micro Resurfacing
- 2.4 lane miles
- Upcoming - September



MidCounty Resurfacing Projects

Rippling Brook Drive

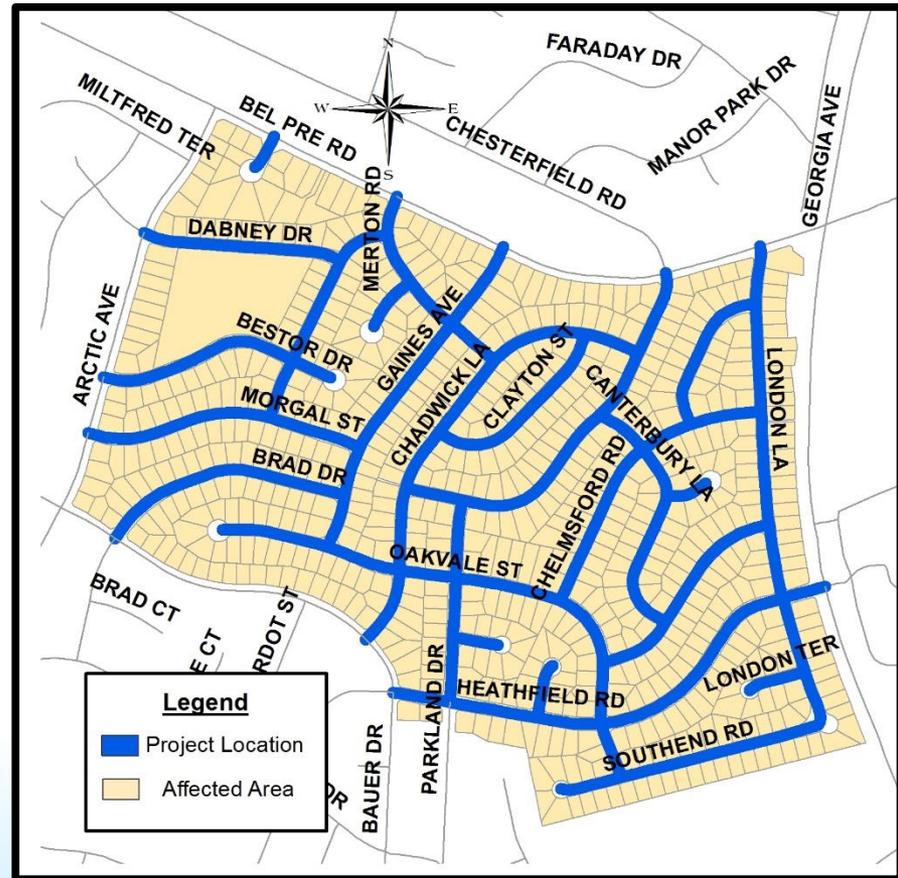
- Micro Resurfacing
- 1.9 lane miles
- Completed – July 2019



MidCounty Resurfacing Projects

Bel Pre Woods Phase I

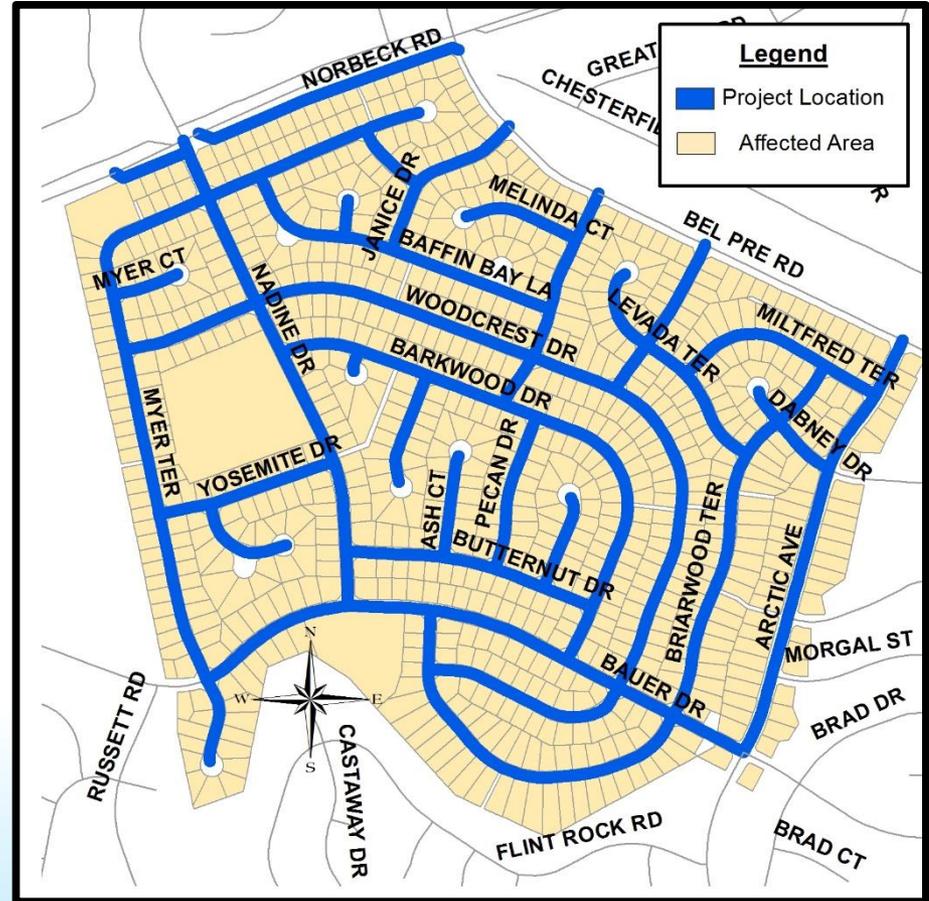
- Residential Rehab
- 16.6 lane miles
- Completed – July 2019



MidCounty Resurfacing Projects

Bel Pre Woods Phase II

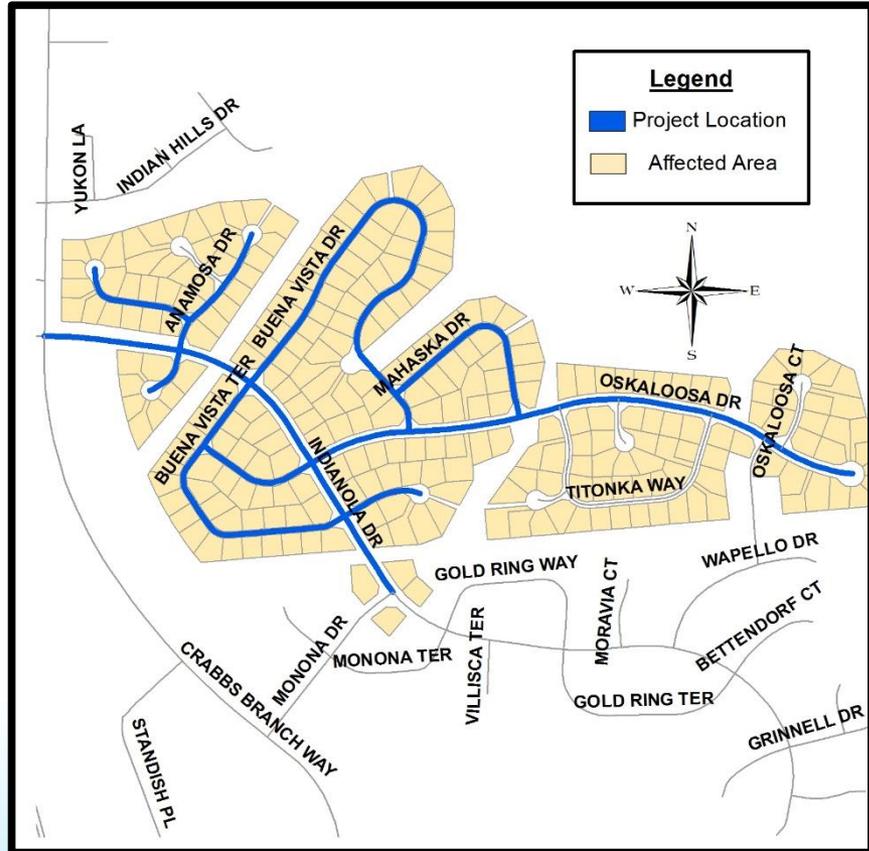
- Residential Rehab
- 18.1 lane miles
- Ongoing



MidCounty Resurfacing Projects

Derwood Station Phase I

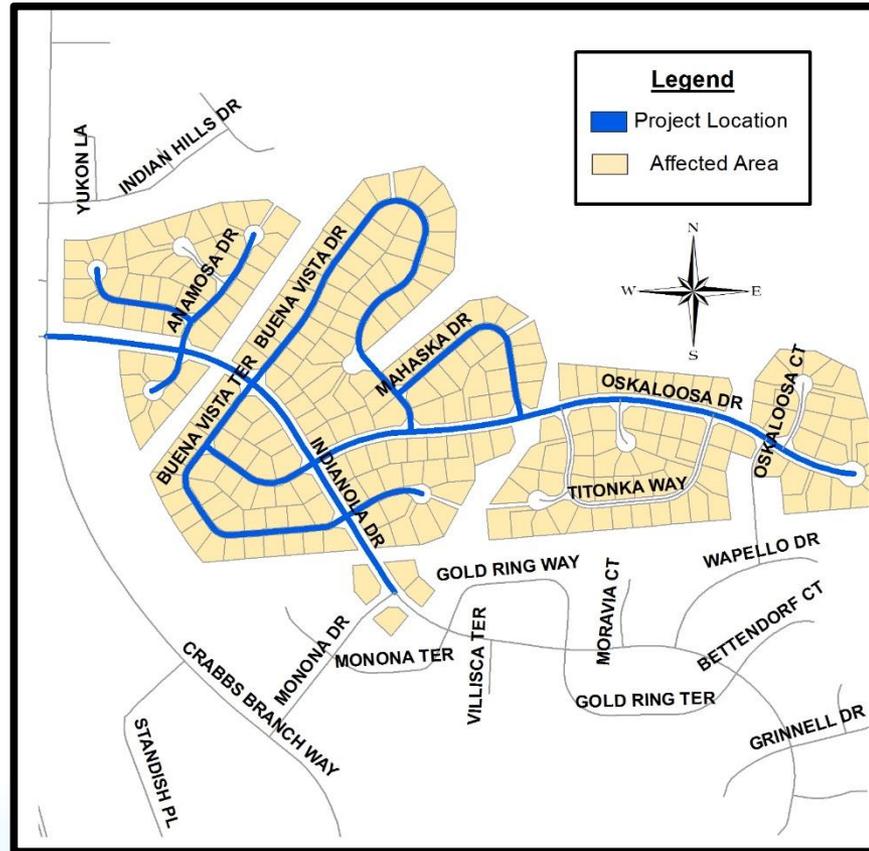
- Micro Resurfacing
- 5.1 lane miles
- Completed – July 2019



MidCounty Resurfacing Projects

Derwood Station Phase II

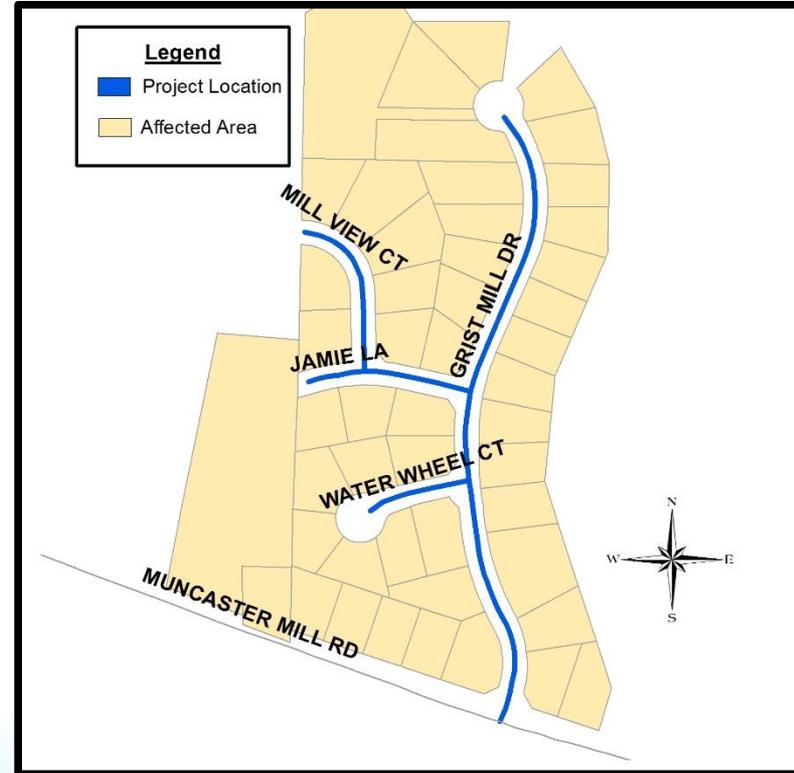
- Micro Resurfacing
- 5.1 lane miles
- Upcoming - November



MidCounty Resurfacing Projects

Grist Mill

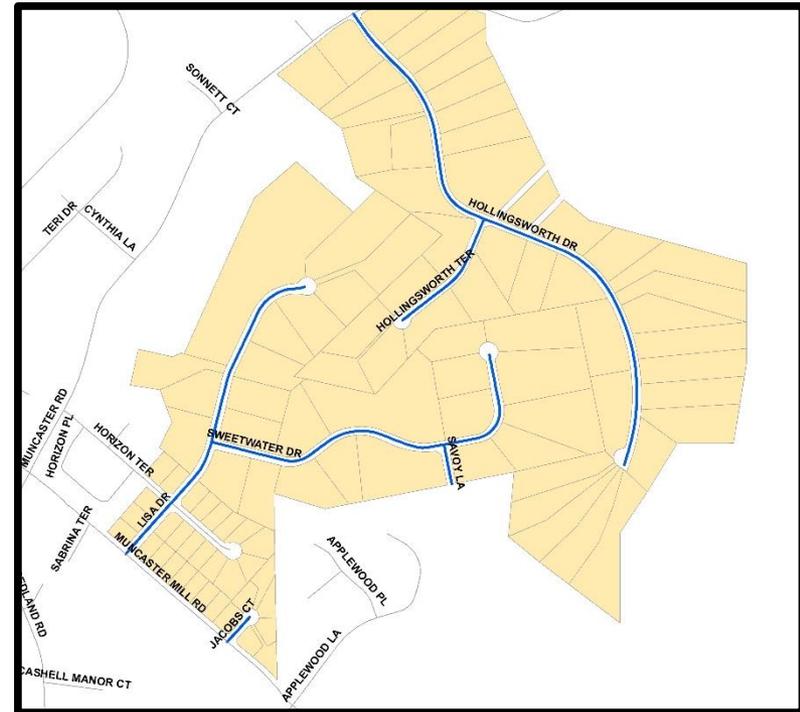
- Hot mix asphalt resurfacing
- 1.1 lane miles
- Completed – June 2019



MidCounty Resurfacing Projects

Mill Creek

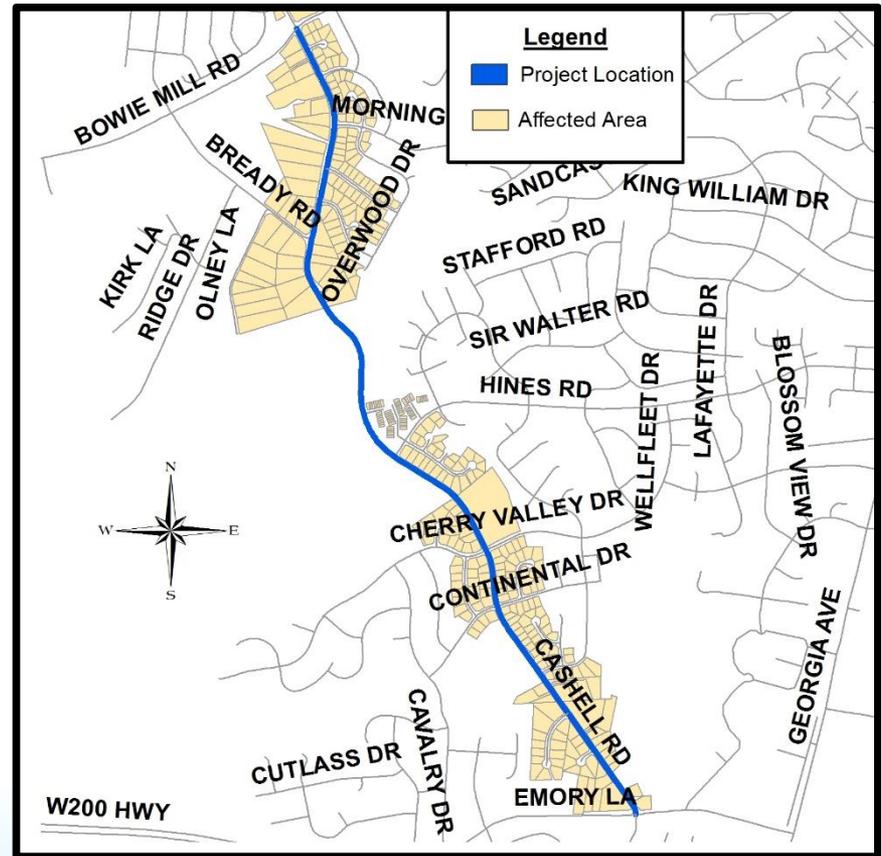
- Hot mix asphalt resurfacing
- 3.7 lane miles
- Ongoing



MidCounty Resurfacing Projects

Cashell Road

- Primary Resurfacing
- 3.7 lane miles
- Completed – June 2019



MidCounty Resurfacing Projects

Sunnymeade

- Primary Resurfacing
- .6 lane miles
- Completed – Aug. 2019

